

**Claims**

WHAT IS CLAIMED IS:

1. A production method for an aluminum alloy coated steel sheet, comprising dipping a base steel sheet into a coating bath of an Al-Si-Cr-Mg bath composition with a Si  
5 content of 7 to 15 parts by weight, a Cr content of 0.5 to 1.5 parts by weight and a Mg content of 0.46 to 3.0 parts by weight.

2. The production method as set forth in claim 1, wherein an adhesion quantity of coating is 20 to 300 g/m<sup>2</sup> on a one surface basis.

3. The production method as set forth in claim 1, wherein the bathing temperature of the base steel sheet is 650 to 700°C.

4. The production method as set forth in claim 2, wherein the bathing temperature of  
15 the base steel sheet is 650 to 700°C.